510.6
AMS
V21

TABLE OF CONTENTS

VOLUME 21, 1920

PAGES

ALEXANDER, J. W., of New York, N. Y. On the equilibrium of a fluid mass at rest 446

BLISS, G. A., of Chicago, Ill. Differential equations containing arbitrary functions 79

—— Functions of lines in ballistics 93

COOLIDGE, J. L., of Cambridge, Mass. The geometry of hermitian forms. 44

GLENN, O. E., of Philadelphia, Pa. A memoir upon formal invariancy with regard to binary modular transformations. Invariants of relativity 285

GREEN, G. M., of Cambridge, Mass. Nets of space curves 207

HARDY, G. H., of Oxford, England. On the representation of a number as the sum of any number of squares, and in particular of five 255

HAZLETT, O. C., of South Hadley, Mass. A theorem on modular covariants 247

HOSKINS, L. M., of Palo Alto, Cal. The strain of a gravitating sphere of variable density and elasticity 1

JACKSON, D., of Minneapolis, Minn. On the order of magnitude of the coefficients in trigonometric interpolation 321

KLINE, J. R., of Philadelphia, Pa. Concerning approachability of simple closed and open curves 451

LE STOURGEON, E., of Lexington, Ky. Minima of functions of lines 357

MILLER, G. A., of Urbana, Ill. Properties of the subgroups of an abelian prime power group which are conjugate under its group of isomorphisms 313

MOORE, C. N., of Cincinnati, O. On the summability of the developments in Bessel's functions 107

MOORE, R. L., of Austin, Tex. Concerning simple continuous curves .. 333

RITT, J. F., of New York, N. Y. On the iteration of rational functions .. 348

SHARPE, F. R., of Ithaca, N. Y. (with V. SNYDER). Certain types of involutorial space transformations 52

SHAW, J. B., of Urbana, Ill. On triply orthogonal congruences 391

SIMONDS, E. F., of Sydney, Australia. Invariants of infinite groups in the plane 384

SNYDER, V., of Ithaca, N. Y. (with F. R. SHARPE). Certain types of involutorial space transformations 52

177206

WIENER, N., of Cambridge, Mass. A set of postulates for fields 237
WILCZYNSKI, E. J., of Chicago, Ill. One parameter families and nets of ruled surfaces and a new theory of congruences 157
—— A set of properties characteristic of a class of congruences connected with the theory of functions 409